

**Method for provision of respiratory gas to a patient in a manner synchronized with patient respiration, whereby patient breathing effort is also measured so that breathing ease and comfort are maximized**

Publication number: DE10164446

Publication date: 2003-07-10

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Classification:

- international: A61M16/00; A61M16/06; A61M16/00; A61M16/06;  
(IPC1-7): A61H31/00; A61M16/00

- european: A61M16/00

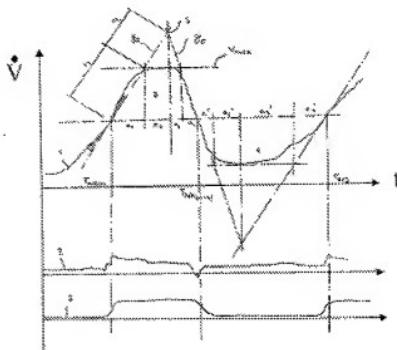
Application number: DE20011064446 20011229

Priority number(s): DE20011064446 20011229

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**Abstract of DE10164446**

Arrangement for supply of respiration gas at various, essentially breathing synchronized, pressure levels, has a regulator that adjusts the respiration gas pressure based on a measurement signal representing the instantaneous respiration gas flow and a measurement of the effort required by a patient in inspiration or expiration with a sensor attached to the thorax or abdomen. The invention also relates to a corresponding method for adjusting a control device and a method for configuration of a control system for the pressure level of a respirator or similar.



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